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FEIHENG

嘉禾县飞恒合金铸造有限公司

JIAHE FEIHENG ALLOY CASTING CO., LTD.

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JIAHE FEIHENG ALLOY CASTING CO., LTD.

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飞跃发展 永恒追求

THE DEVELOPMENT OF OVERFLIGHT ETERNAL PURSUIT





嘉禾县飞恒合金铸造有限公司
Jiahe County Feiheng Alloy Casting Co., Ltd

飞跃发展 永恒追求
make rapid progress Eternal pursuit

经营范围 NATURE OF BUSINESS



生产和销售各类耐磨铸件，
工程机械配件，流体配件，五金配件
泵，阀门，管件，食品零部件,制药零部
件,化工零部件，航天航空,汽车，火车，高铁，轮
船等配套铸件等。

All kinds of precision castings, mechanical equipment, fluid
equipment, hardware accessories, pumps, valves, pipe fittings, food
equipment, pharmaceutical equipment, chemical equipment, aerospace,
automobiles, trains, high-speed railways, ships and other supporting accessories.



时间 扎实 细致 创新 共赢
time solid careful innovate win-win

创造效益
Create benefits

创造发展
Creative development

创造未来
Create the future



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公司简介

COMPANY PROFILE

Jiahe feiheng Alloy Casting Co., Ltd., founded in 2007, is located in Tantang Industrial Park, Jiahe County, Chenzhou City, Hunan Province. Through nearly 15 years of hard work, it has developed into a modern foundry enterprise with comprehensive production capacity, integrating casting, mold, processing and R &D.

嘉禾县飞恒合金铸造有限公司始建于2007年，座落在湖南省郴州市嘉禾县坦塘工业园。通过近15年的拼搏，已发展成为一个集研发、模具、铸造、加工于一体，具有综合生产能力的现代化铸造企业。

目前，公司有两个生产区，总占地130余亩，厂房建筑面积6万平方米，现有员工350余名，技术、品质、管理人员80余人，公司现拥有先进的生产设备，主要工艺为水玻璃砂型铸造、消失模铸造和精密铸造，产品分为矿山破碎耐磨件、金属破碎耐磨件、工程机械耐磨配件、液压及压延设备铸件以及各种精密铸件，材质包括高锰钢、高铬铸件、合钢钢、碳钢、不锈钢等，产品远销欧美等海外国家和地区。

At present, the company's phase II project has a total investment of more than 360 million yuan, covers an area of 115 mu, and has a plant construction area of 50000 square meters. At present, the company has more than 300 employees and more than 50 engineers and technical managers. The company now has advanced production equipment. The main processes are sand casting and precision casting. The products are divided into mine broken wear-resistant parts (high manganese steel broken wall, rolling mortar wall, high chromium alloy series hammer head, plate hammer, lining plate, etc.) Metal crushing wear-resistant parts (high manganese steel and ultra-high manganese steel alloy inlaid series hammers, screen bars, etc.), construction machinery wear-resistant parts (low alloy steel series lining plates, bucket teeth) and various precision castings (auto parts, ships, kitchenware, hardware accessories, pump valve series, etc.), including cast steel, cast iron, stainless steel, etc., and the products are exported to Europe and the United States and other overseas countries and regions.





董事长致辞

President Address

尊敬的社会各界朋友:

感谢您对飞恒合金铸造有限公司的关注! 飞恒合金铸造自成立以来, 始终坚持“超出客户期望、实现双方共赢”的企业目标。我们一贯秉承“真情酿美酒, 真正做品牌, 真诚待客户, 真心广交友, 真意创多赢”的经营理念。

回望过去, 飞恒合金铸造一路走来有崎岖不平、更有风光旖旎, 虽然历经艰辛、却收获了信任 and 希望! 展望未来, 路漫漫其修远兮, 只有通过不断的奋斗才能拥有更加美好的前景。

我们更期待与优异的伙伴通力合作、走向辉煌! 我们将持续努力、精益求精、不断提升专业服务水平, 实现我们对服务品质的庄严承诺! 我们将满怀信心, 因为您的信任、鼓励和指引, 与你同行, 未来之路在继续延伸!

Dear friends from all walks of life:

Thank you for your attention to feiheng Casting Alloy Co., Ltd! Since its establishment, feiheng casting has always adhered to the enterprise goal of "exceeding customer expectations and achieving win-win results for both sides". We always adhere to the business philosophy of "brewing wine with true feelings, truly making brands, treating customers sincerely, making friends sincerely, and creating multiple wins with true intentions".

Looking back, feiheng casting has been rugged and beautiful all the way. Although it has experienced hardships, it has gained trust and hope! Looking forward to the future, there is a long way to go. Only through continuous struggle can we have a better future.

We are looking forward to cooperating with excellent partners to achieve brilliance! We will continue to work hard, keep improving, constantly improve the professional service level, and realize our solemn commitment to service quality! We will be full of confidence, because of your trust, encouragement and guidance, walking with you, the road to the future is extending infinitely!

李恒

飞恒合金铸造董事长 李恒
Chairman of feiheng casting Liheng

总经理致辞

General Manager Speech

我们坚持创新、注重发展, 朝着把企业做大做强的目标奋勇前进! 精益求精, 我们脚踏实地; 胸怀天下, 我们志存高远。面对未来, 我们只有一个目标: 通过自身的实力和对社会的贡献, 用“诚信和品质”塑造中国铸造业的优越品牌。我们深信: 飞恒合金铸造将会以更加稳健的步伐, 以时不我待的紧迫感、舍我其谁的使命感跨步前进。

秉持诚信, 开放理念, 大力推进技术进步, 不断提高管理水平, 认真履行社会责任, 竭诚为用户提供优异的服务和产品努力创造和提升用户投资价值, 与国内外各界朋友进一步增进了解、加强合作, 携手并进, 共创美好的未来。

We adhere to innovation, pay attention to development, and forge ahead towards the goal of making the enterprise bigger and stronger! Fine carving, we are down-to-earth; With the world in mind, we have high aspirations. Based in Hunan, it radiates across the country and takes a global view. Facing the future, we have only one goal: through our own strength and contribution to the society, we will use "integrity and quality" to build an excellent brand in China's foundry industry. We firmly believe that feiheng casting will stride forward with a more steady pace, a sense of urgency and a sense of mission.

Adhering to the concept of integrity and openness, vigorously promote technological progress, constantly improve management level, conscientiously fulfill social responsibilities, wholeheartedly provide users with first-class services and products, strive to create and enhance user investment value, and further enhance understanding with friends from all walks of life at home and abroad. Strengthen cooperation, go hand in hand, and create a better future.

李志飞



飞恒合金铸造总经理 李志飞
General manager of feiheng casting Lizhifei

企业荣誉 ENTERPRISE HONOR

飞恒合金是一家专业生产高锰钢耐磨铸件、高铬耐磨铸件、碳钢和合金钢铸件、不锈钢铸件的国家高新技术企业、国家专精特新小巨人企业。公司自成立以来, 一直秉诚信为本、品质优先、用户至上、合作共赢的企业宗旨, 专注于工程机械耐磨件、破碎筛分设备耐磨铸件、金属切割耐磨铸件、高强钢和精密铸件的研发、生产和销售, 产品覆盖国内20多个省市、自治区, 并远销俄罗斯、智利、秘鲁、澳洲、南非、美欧等国家和地区, 公司通过了质量、环境、职业健康与安全管理体系认证。

是信用评价AAA级信用企业、重质量守信用企业, 致力于为用户提供满意的产品和服务。

Since its establishment, the company mainly relies on wear-resistant castings for production, and has a number of invention patents. In 2020, the enterprise engineering technology research and development center was rated as "Chenzhou high chromium and high manganese wear-resistant castings technology research and development center". It is a high-tech enterprise and a national small giant enterprise. And has passed ISO9001 quality system, ISO14001 environmental management system, gb/t45001 occupational health and safety management system, AAA credit enterprise of enterprise credit evaluation, quality-oriented and trustworthy enterprise and other professional certifications.

◆ 国家专精特新“小巨人”企业 Specializing in special new "little giant" enterprises

◆ 高新技术企业 High tech enterprise

◆ 郴州市高铬高锰耐磨铸件技术研发中心

◆ 湖南铸造工匠 Hunan foundry craftsman

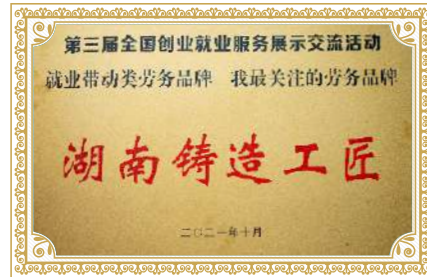
◆ 国家规模以上工业企业 Industrial Enterprises above national scale

◆ 湖南小巨人企业 Hunan Small Giant Enterprise

◆ 十佳拥军企业 National small giant enterprise

◆ 爱心奉献企业 Love dedication enterprise

◆ 重质量守信用企业
Vice president unit of Jiahe County Foundry Association (the sixth session)



团队风采 TEAM STYLE

协作共赢 诚信立足 风雨无阻 创新致远 **团队精神**

企业文化 CORPORATE CULTURE



■ 企业文化 Company culture

飞跃发展 永恒追求
The relentless pursuit of improvement

■ 企业理念 Corporate Philosophy

讲究实效、精细管理、提升品质、增创效益
Exquisite effect,exquisite management,improving quality and increasing efficiency

■ 经营宗旨 Business Purpose

诚信为本、品质优先、用户至上、合作共赢
Integrity-based, quality first, user first

■ 企业目标 Enterprise goal

超出客户期望、实现双方共赢
Exceed Customers' Expectations to achieve win-win situation

■ 企业精神 Enterprise Sprit

拼搏、创业、创新、勤奋、团结
Struggle, entrepreneurship, innovation, diligence, solidarity

■ 企业格言 Business Motto

客户的满意才是我们的成功
Our Success lies in customers' satisfaction

■ 工作态度 Working Atitude

忧客户所忧、急客户所急、无论它多大或多小、我们将倾注所有心智和精力汇集于每项工作中
Customer- centric, constantly innovate, optimize service process and strive for perfection

■ 服务承诺 Service Commitment

始终将客户的利益放在前位、提供优良且出色的服务
Always put the interests of customers in the firstplace, and provide ffcient and quality service

■ 竞争优势 Competitive Advantage

出色服务、了解客户的需求、及时与客户沟通、根据客户的要求制作客户所需的产品并提供有竞争力的价格、帮助客户节省成本、为客户创造更大的增值空间
The company provides qualified products according to customers requirements for products and provides customers with competitive prices to help customers save costs and create greater value.



公司组建了郴州市高铬高锰耐磨铸件技术研发中心，中心以公司研发部门成员为班底，共计27人，其中大专以上学历人员12人，本科以上3人，管理人员3人，专 门研发人员24人，研发人员专业涵盖金属材料、有色冶金、机械、设计 等方向。近年来公司保持高强度的研发投入，取得了较好的研发成果，在高铬铸铁、合金钢材料加工，镶铸工艺及耐磨材料制备方面取得发明专利4项，实现铁基耐磨材料等铸造新材料，高温镶铸硬质合金工艺等铸造成型新工艺，复合耐磨锤头等铸件新产品等11项成果转化，创造了较好的经济社会效益。

With lidehai as the director of the center, Chenzhou high chromium and high manganese wear-resistant casting technology research and development center was established. The center takes the members of the company's R & D department as the team, with a total of 27 people, including 12 people with college degree or above, 3 people with bachelor degree or above, 3 management personnel, 24 special R & D personnel. The director of the center is lidehai, and the R & D personnel are specialized in metal materials, non-ferrous metallurgy, machinery, design and other fields. In recent years, the company has maintained high-intensity R & D investment and achieved good R & D results. It has obtained 4 invention patents in the processing of high chromium cast iron and alloy steel materials, the casting process and the preparation of wear-resistant materials. It has achieved the transformation of 11 achievements, including new casting materials such as iron-based wear-resistant materials, new casting molding processes such as high-temperature cast hard alloy process, and new casting products such as composite wear-resistant hammers, creating better economic and social benefits.

MARCHH FORWARD COURAGEOUSLY

勇往直前

发展历程 DEVELOPMENT COURSE

◆ 2009年

嘉禾县飞恒合金铸造厂在嘉禾县珠泉镇坦塘工业园石燕大道破土动工，注册资金500万，占地18亩，于2010年元月建设完成标准厂房10944平方米。

Jiahe feiheng alloy foundry broke ground on Shiyan Avenue, Tantang Industrial Park, Zhuquan Town, Jiahe County, with a registered capital of 5million and an area of 18 mu. 10944 square meters of standard factory buildings were completed in January 2010.

◆ 2007年

由李恒先生和李志飞先生合资共同创建嘉禾县飞恒合金铸造厂，厂址：嘉禾县车头桥。

Mr. Li Heng and Mr. Li Zhifei jointly established Jiahe feiheng alloy foundry at Jiahe headstock.

◆ 2011年

2011年7月7日注册成立嘉禾县飞恒合金铸造有限公司，注册资金1200万。

On July 7, 2011, Jiahe feiheng Alloy Casting Co., Ltd. was incorporated with a registered capital of 12million.

◆ 2013年

2013年再次筹备投资位于嘉禾县珠泉镇坦塘工业园嘉新路工业用地115亩，决策投建一座以铸造为先锋、兼有机械加工、产品研发、市场开拓为中心的现代化、数字化产销一体的新型铸造基地。

In 2013, it invested again to buy 115 mu of industrial land in Jiaxin Road, Tantang Industrial Park, Zhuquan Town, Jiahe County, and decided to build a modern and international production and marketing integrated new casting base with casting as the leader and centered on machining, product research and development, and market development. In 2014, the company's office building was completed.

◆ 2017年

2017年公司对产品进行转型升级，对传统潮模砂生产线进行改革，消失模设备升级，同时在固化树脂砂生产线产品工艺的基础上独立出来一支专业生产高等高锰钢耐磨件的团队，为做好外贸出口产品打下坚实的基础。

In 2017, the company transformed and upgraded its products, reformed the traditional wet mold sand production line, and upgraded the EPC equipment. At the same time, on the basis of the product process of the solidified resin sand production line, an independent team specializing in the production of high-end high manganese steel wear-resistant parts was established, laying a solid foundation for foreign trade export products.

◆ 2021年

2021年4月17日一个集铸造、模具、加工、研发于一体，具有综合生产能力的加工现代化铸造企业正式投产。

On April 17, 2021, a processing modern foundry enterprise integrating casting, mold, processing and R & D with comprehensive production capacity was officially ignited.

◆ 2016年

先后新增精密铸造生产线和粉末冶金生产线，逐步向高等产品迈进，进一步满足客户需求。

Precision casting production lines and powder metallurgy production lines have been added successively, gradually moving towards high-end products.

◆ 2019年

2019年飞恒二期项目在嘉禾县珠泉镇坦塘工业园嘉新路破土动工，占地115亩。

In 2019, feiheng phase II project broke ground on Jiaxin Road, Tantang Industrial Park, Zhuquan Town, Jiahe County, covering an area of 115 mu.

核心优势

TECHNICAL ADVANTAGE

- 01 科学管理
scientific management
- 02 精良制造
Lean manufacturing
- 03 严谨检控
Rigorous prosecution
- 04 完备服务
Complete service

强大的生产实力保障

Strong production strength guarantee

拥有固定资产12000万元，占地100000平方米，下设两个分厂，十个部室。采用先进的设备，铸造技术优异，生产能力强，让客户用相同价格买到质量更优的产品，性价比高。是一家集研发、生产铸件的专业铸造集团。

It has fixed assets of 120 million yuan, covers an area of 100000 square meters, and has two branches and ten departments. With top-notch equipment, exquisite casting technology and strong production capacity, customers can buy products with better quality at the same price, which is extremely cost-effective. It is a professional casting group integrating R & D and production of castings.

专业技术质量把控保障

Professional technical quality control guarantee

在业内和客户间树立了良好的质量和美誉度，正所信誉是发展的根本，质量是发展的基石。专业化技术不断提升，以全新的产品服务市场，备受好评。

It has established a good quality and reputation between the industry and customers. Reputation is the foundation of development, and quality is the cornerstone of development. Professional technology continues to improve, with new products to serve the market, well received.

交货快捷物流支持保障

Fast delivery and logistics support

拥有自己专业的物流配送团队及物流配送专车，保证及时供货；服务态度好，售后服务有保障。强烈的责任感，使命感，不断追求质的提升，量的突破，满足客户需求。

We have our own professional logistics and distribution team and special logistics and distribution vehicles to ensure timely supply; Good service attitude, guaranteed after-sales service. Strong sense of responsibility and mission, constantly pursuing quality improvement and quantity breakthrough to meet customer needs.

雄厚的产品研发保障

Strong product R & D guarantee

拥有拔尖的专业技术团队，老中青设计团队集思广益，邀请有名专家学者为公司管理人员和技术人员授课讲学，生产的铸件满足客户的不同需求。

It has a first-class professional and technical team, and the old, middle-aged and young design team gathered their wisdom, and invited well-known experts and scholars to give lectures to the company's managers and technicians. The castings produced meet the different needs of customers.

认证与产品质量保障

Certification and product quality assurance

全面的质量管理体系，每个细节与环节全程监控，保证产品质量；采用科学合理的求解方式，来描述铸件的生产过程，预测缺陷、优化工艺；坚持把好材料，严格的制造标准及质量保证体系紧密结合在一起，严格按照质量、环境、职业健康与安全管理体系认证。

Comprehensive quality management system, full process monitoring of every detail and link to ensure product quality; Adopt scientific and reasonable solution method to describe the production process of castings, predict defects and optimize the process; Adhere to the close combination of good materials, strict manufacturing standards and quality assurance system, and strictly comply with ISO9001 international quality system certification.

售前售后服务保障

Pre sales and after-sales service guarantee

可以在24小时内提供技术支持，同时可以帮助客户设计选型，从根本上解决客户选型难的问题，您同时还得到了我们一系列完善的售后服务。

We can provide technical support within 24 hours, help customers design and select models, and fundamentally solve the problem of difficult model selection. At the same time, you have also received a series of perfect after-sales services.



设备展示 EQUIPMENT DISPLAY

拥有一条年产3万吨水玻璃砂铸造生产线、精密铸造生产线、消失模铸造线，主要铸造设备有5T中频炉2座，25吨电弧炉一座，其它各吨位中频电炉10余座，固定式连续混砂机5-40吨8台，大型抛、喷丸室、履带式抛丸机，自动控制热处理生线1线，并配套有大型加工设备，数据立车、龙门铣床、钻床，涂装生产线等。年生产能力3.5万吨。小的可以生产20g精铸件，大的可生产20吨的铸钢件。

It has two 10 ton resin sand casting production lines, and the main casting equipment includes four 5T medium frequency furnaces in the United States, one 15 ton heat preservation furnace, six 10-25 ton fixed continuous sand mixers, large-scale shot blasting and peening rooms, crawler shot blasting machines, 28 square meters of automatic control heat treatment tempering furnaces, etc. The annual production capacity is 20000 tons. It can produce 50 tons of castings at most, especially good at manufacturing machine tool castings, marine castings, etc. The product quality has reached the domestic advanced level, and the key products and export products have reached the international first-class level.



超声波探伤仪
Ultrasonic flaw detector



金相仪
Metallography



冲击试验机
Impact testing machine



炉前测温仪
Furnace front thermometer



万能抗力试验机
Universal resistance tester



硬度计
Hardness tester



电弧炉
Wax injector equipment



熔炼炉设备
Smelting furnace equipment



砂处理设备
Sand treatment equipment



热处理设备
Heat treatment equipment



龙门铣
Emachine tool equipment



立车
Investment casting equipment

企业规模 ENTERPRISE SIZE

公司位于湖南省嘉禾县坦塘工业园嘉新路，成立于2007年，占地130亩，是一家集铸造、热处理、铸件加工、研发、制造于一体的民营高科技企业。公司现调设有一个技术研发中心，布局有精密铸造、消失模铸造、水玻璃砂铸造等铸造工艺，共设置8个生产车间，具备年产35000T各类铸件的能力。公司拥有一批高素质的职工队伍，现有员工350余人，专业研发人员占20%以上，铸造、材料、加工等各专业力量齐全。主要以耐磨铸件、合金钢铸件、碳钢铸件、精密铸件为主，可以提供客户从20g至20T不同重量、不同材质的铸钢件。

The company is located in Jiaxin Road, Tantang Industrial Park, Jiahe County, Hunan Province. Founded in 2007, it covers an area of 130mu. It is a private high-tech enterprise integrating casting, heat treatment, casting processing, R&D and manufacturing. At present, the company has set up a technology research and development center, which is equipped with precision casting, lost foam casting, sodium silicate sand casting and other casting processes. A total of 8 production workshops are set up, and the annual output of various castings is 35000T. The company has a group of high-quality staff, with more than 350 employees, more than 20% of which are professional R&D personnel. The company has complete professional strength in casting, materials, processing, etc. It mainly includes wear-resistant castings, alloy steel castings, carbon steel castings and precision castings. It can provide customers with steel castings of different weights and materials from 20g to 20T.



模具区 / Mold area





产品展示 PRODUCT DISPLAY

SIX MAJOR BUSINESS AREAS 六大产品领域



专业-品质值得信赖

- ◆ 无砂眼、无夹渣
- ◆ 强度高、气密性好
- ◆ 按需定制、效率高
- ◆ 严格把关、质量稳定

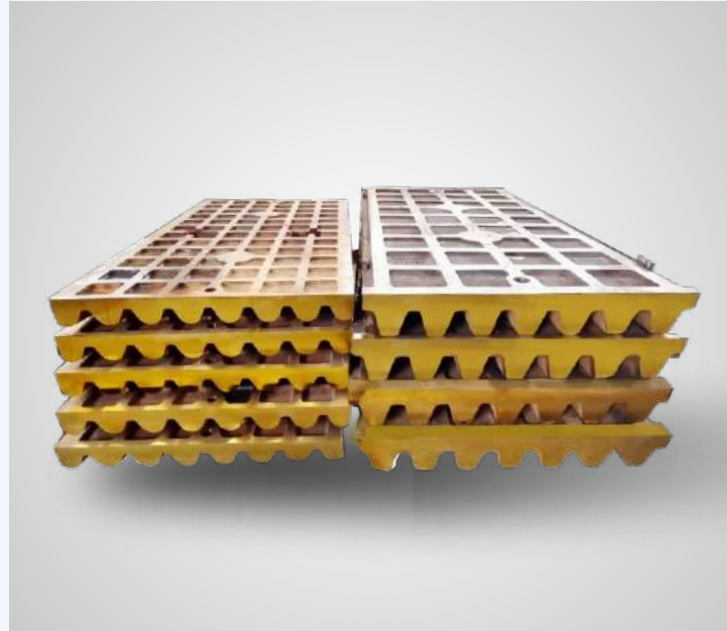
HIGH MANGANESE STEEL SERIES 高锰钢系列



高锰钢系列包括鄂板、牙板、齿板、边护板、推力板、顶板、肘板、衬板等。采用 ZG120Mn13-ZG120Mn18 材料浇注而成，铸件浇注之后进行了水韧处理。水韧处理后铸件有了高的抗拉强度、韧性、塑性及无磁性，使得产品更实用。在使用过程中受到剧烈冲击和强大的压力变形时，表面产生冷作硬化，并有马氏体形成，从而形成高的耐磨表面层，而内层仍保持优良的韧性，即使磨损到很薄，也能承受较大的冲击负荷。

High manganese steel series include jaw plate, tooth plate, tooth plate, side guard plate, thrust plate, top plate, elbow plate, lining plate, etc. ZG120Mn13-ZG120Mn18 material is used for casting, and water toughening treatment is carried out after casting. After water toughening treatment, the castings have high tensile strength, toughness, plasticity and non magnetism, making the products more durable. When subjected to severe impact and strong pressure deformation during use, cold work hardening occurs on the surface, and martensite is formed, thus forming a high wear-resistant surface layer, while the inner layer still maintains excellent toughness, and can withstand large impact load even if it is worn to a very thin layer.

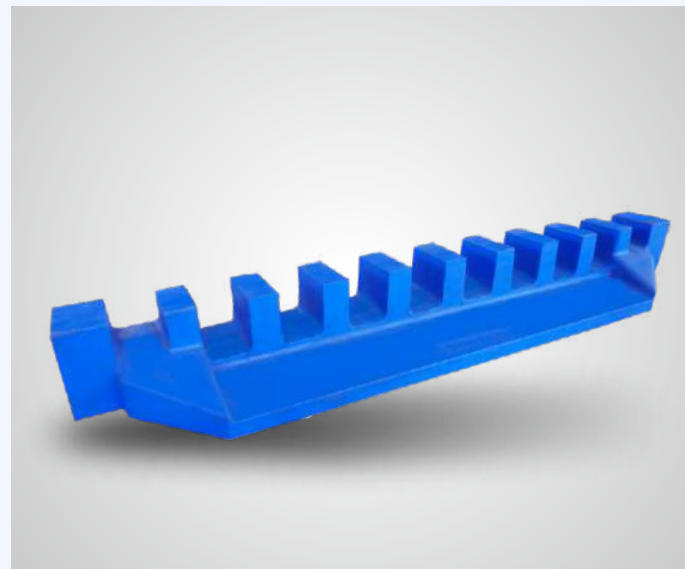




高锰钢硬质合金系列产品包含:镶铸硬质合金锤头、齿板、分料板、轧臼壁、磨辊等产品,产品以高锰钢为基体,在产品工作面镶铸高硬度的硬质合金(TM52、TM60、钨钴合金、钛合金等)使之形成致密的冶金结合,主要使用在高硬度物料、高温物料、强腐蚀性物料的破碎设备上,且实用功效是普通锰钢的3-5倍,并且信赖可靠。

QUALITY CASTS THE FUTURE

High manganese steel cemented carbide products include: inlaid carbide hammer, tooth plate, sub-plate, rolling mortar, grinding roller and other products. Using high manganese steel as the matrix and casting high hardness in the surface of the product (TM52, TM60, tungsten cobalt alloy, titanium alloy, etc.) to form a dense combination of metallurgy; mainly used in high hardness materials, high temperature materials, strong corrosive materials, crushing equipment. The practical effect is ordinary manganese steel 3-5 times, and safe and reliable.

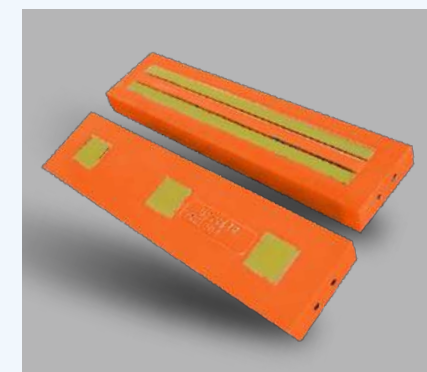
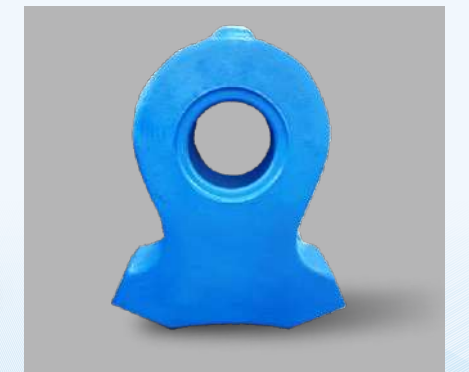
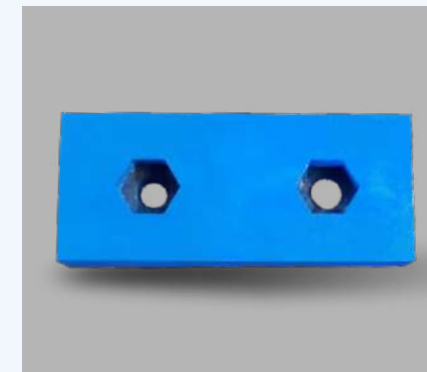


ALLOY STEEL SERIES 合金钢系列

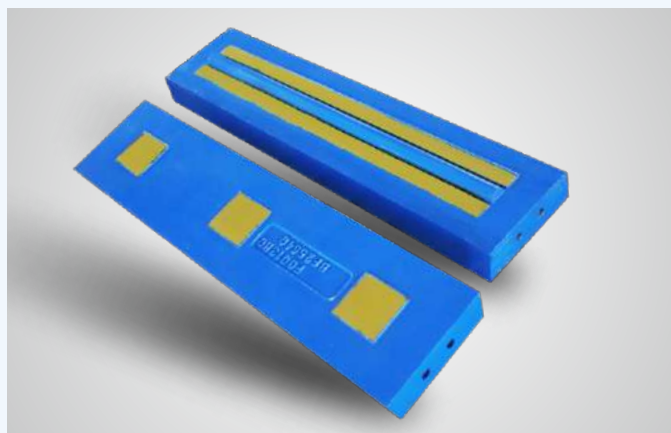
通常合金耐磨钢以高强韧性、高硬韧性著称。其强度和硬度高于耐磨锰钢而在非大冲击磨损工况可替代锰钢;其塑、韧性高于耐磨铸铁,而在冲击载荷的磨损工况,使用寿命高于耐磨铸铁。公司现有耐磨合金钢种类有水淬热处理合金马氏体耐磨钢、正火热处理低合金珠光体耐磨钢、空冷淬火马氏体耐磨钢、DHT锤头等。

公司还铸造工程和机械结构用钢铸件,适用于锅炉、建筑、船舶、桥梁、机械设备等的低合金钢和合金钢。

Generally, alloy wear-resistant steel is famous for its high strength and toughness. Its strength and hardness are higher than those of wear-resistant manganese steel, and it can replace manganese steel in non large impact wear condition; Its plasticity and toughness are higher than that of wear-resistant cast iron, and its service life is higher than that of wear-resistant cast iron under a certain impact load. The company's existing wear-resistant alloy steel types include water quenched heat treated alloy martensite wear-resistant steel, normalized heat treated low alloy pearlitic wear-resistant steel, air quenched martensite wear-resistant steel, DHT hammer, etc. The company also casts steel castings for engineering and mechanical structures, which are suitable for low alloy steels and alloy steels for boilers, buildings, ships, bridges, mechanical equipment, etc.



HIGH CHROMIUM ALLOY SERIES 高铬合金系列

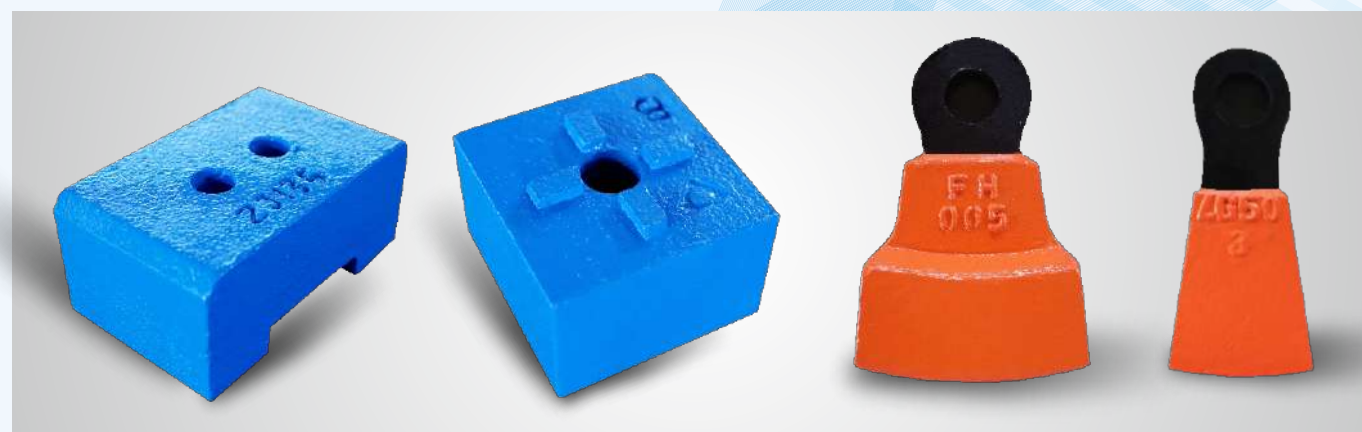


高铬铸铁是高铬白口抗磨铸铁的简称，它比合金钢高得多的耐磨性，比一般白口铸铁高得多的韧性、强度，同时它还兼有良好的抗高温和耐腐蚀性能，加之生产便捷、成本适中，而被誉为当代优良的抗磨料磨损材料之一。

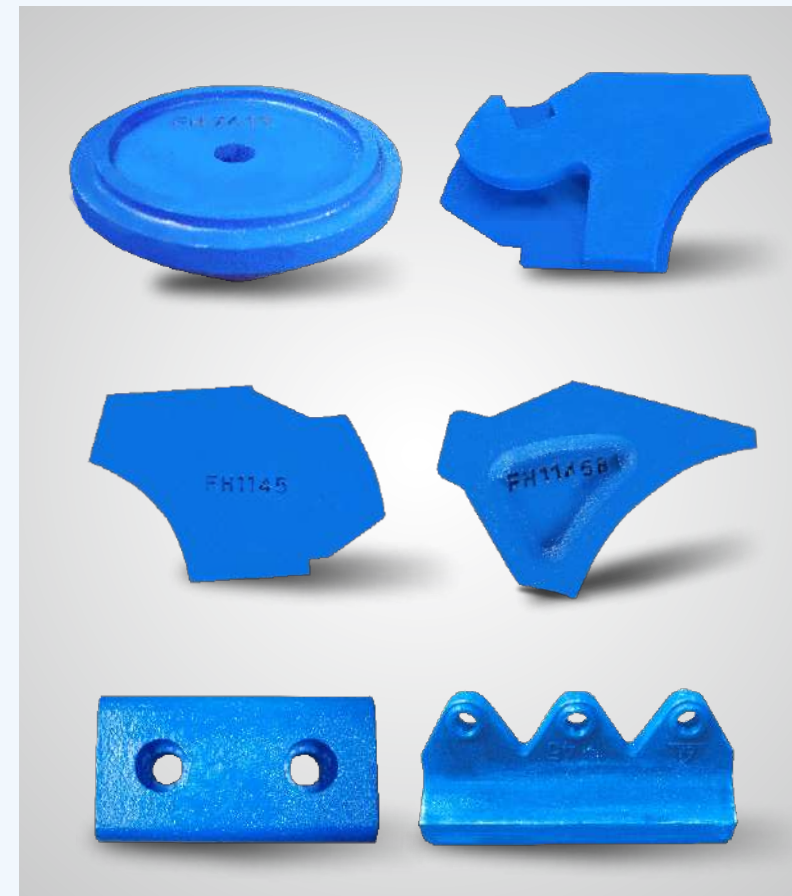
高铬铸铁是继普通白口铸铁、镍硬铸铁发展起来的第三代耐磨材料。由于高铬铸铁自身组织的特点，使得高铬铸铁比普通铸铁具有高得多的韧性、高温强度、耐热性和耐磨性等性能。高铬铸铁已被誉为当代优良的抗磨料磨损材料，并日益得到广泛应用。

High chromium cast iron is the abbreviation of high chromium white wear-resistant cast iron. It has much higher wear resistance than alloy steel, much higher toughness and strength than ordinary white cast iron. At the same time, it also has good high temperature resistance and corrosion resistance. In addition, it is convenient to produce and has moderate cost. Therefore, it is known as one of the best anti abrasive wear materials in the contemporary era.

High chromium cast iron is the third generation wear-resistant material developed after common white cast iron and nickel hard cast iron. Due to the characteristics of its own structure, high chromium cast iron has much higher toughness, high temperature strength, heat resistance and wear resistance than ordinary cast iron. High chromium cast iron has been praised as the best anti abrasive wear material in the contemporary era, and is increasingly widely used.



SAND MAKING MACHINE SERIES 制砂机系列



冲击式制砂机的中心配件有抛头、耐磨块、冲击块、叶轮和导流板等，它们都是冲击式制砂机不可缺少的部分。

抛料头是制砂机的中心作业部件之一，也称为耐磨块或冲击块，首要用于抛掷和破碎物料，它一般由硬质合金资料制成。具有更高的可靠性、耐磨性和较好的冲击性能，能完结连续切割、弯曲、焊接等。抛料头的规格需要根据制砂机的型号定制。其中K形抛料头具有加高的作业功率和作用。

The central accessories of the impact sand making machine include the polishing head, wear-resistant block, impact block, impeller and deflector, which are all indispensable parts of the impact sand making machine.

The throwing head is one of the central operating parts of the sand machine, also known as the wear-resistant block or impact block. It is mainly used for throwing and crushing materials. It is generally made of cemented carbide materials. It has higher reliability, wear resistance and better impact performance, and can finish continuous cutting, bending, welding, etc. The specification of the throwing head shall be customized according to the model of the sand making machine. The K-shaped throwing head has the function of increasing the operation power.

QUALITY CASTS THE FUTURE

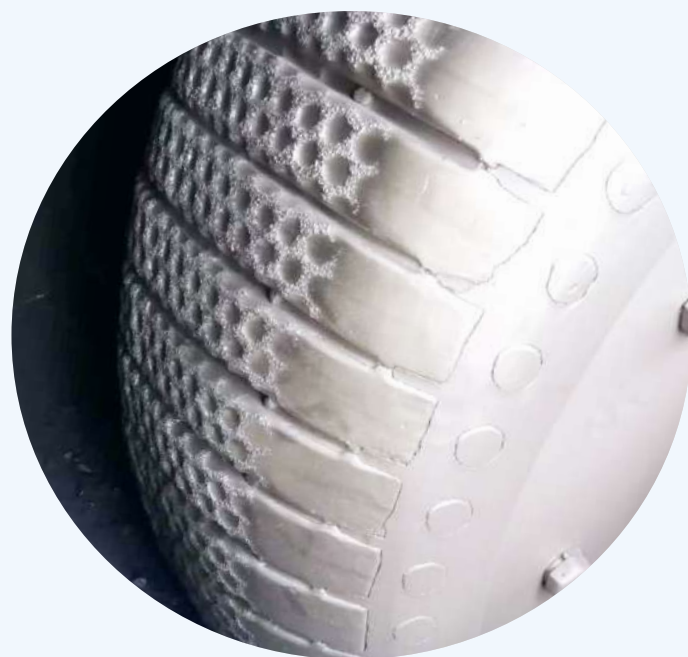
叶轮是制砂机的要害破碎部件，安装在主轴组件上。采用锥形套筒和键连接，达到传递扭矩距离的意图。它还配有流道板和分配锥，其首要作用是加速并均匀分布进入制砂机破碎腔的物料，并使用发射流道将其排出，有助于破坏资料。

作为制砂机作业的要害部件，叶轮不仅重要，并且相对脆弱。所有资料发射作业都在叶轮中完结。因而，操作制砂机需要按照说明书进行，不然很容易磨损叶轮，从而造成制砂机各种故障，降低生产功率和使用寿命。

The impeller is the key crushing part of the sand machine, which is installed on the main shaft assembly. Conical sleeve and key connection are adopted to achieve the purpose of transferring the distance between buttons. It is also equipped with a runner plate and a distribution cone. Its primary role is to accelerate and evenly distribute the materials entering the crushing chamber of the sand making machine, and use a launching runner to discharge them, helping to destroy the data. As the key part of sand machine operation, impeller is not only important, but also relatively fragile. All data transmission operations are completed in the impeller. Therefore, it is necessary to operate the sand machine according to the instructions, otherwise it is easy to wear the impeller, resulting in various failures of the sand machine, reducing production power and service life.



COMPOSITE SERIES 复合材料系列



TiC基高锰钢钢结硬质合金圆棒耐磨材料，具有高耐磨性、高韧性，不可以机械加工，但可以水韧处理及热处理。具有典型的奥氏体组织、加工硬化、优良的焊接性能、高冲击韧性、高耐磨性等特点。在大冲击载荷作用下，产生很强的加工硬化能力。

TiC based high manganese steel steel bonded carbide round bar wear-resistant material, with high wear resistance and toughness, can not be machined, but can be water toughened and heat treated. It has typical austenitic structure, work hardening, excellent welding performance, high impact toughness, high wear resistance and other characteristics. Under the action of great impact load, it has strong work hardening ability.

采用熔铸的高锰钢液镶铸TM52XZ碳化钛TiC基高锰钢钢结硬质合金圆棒耐磨材料，采用低成本的高锰钢或超高锰钢为大型耐磨件基体材料，在它们的工作部位复合镶嵌TM52XZ碳化钛 TiC基高锰钢钢结硬质合金圆棒耐磨材料，使双金属复合耐磨件的磨损面具有优良的耐磨性，非磨损面具有优异的塑性和冲击韧性。这种复合锤头成倍或几倍高于原有高锰钢锤头的使用寿命，物料粉碎高速率、低能耗。

TM52XZ titanium carbide TiC based high manganese steel steel bonded carbide round bar wear-resistant material is cast in molten high manganese steel, and low-cost high manganese steel or ultra-high manganese steel is used as the matrix material of large wear-resistant parts. TM52XZ titanium carbide TiC based high manganese steel steel bonded carbide round bar wear-resistant material is embedded in their working positions, so that the wear surface of bimetal composite wear-resistant parts has excellent wear resistance, The non wearing mask has excellent plasticity and strike toughness. The service life of the composite hammer is times or several times longer than that of the original high manganese steel hammer, and the material crushing is high efficient and low energy consumption.



QUALITY CASTS THE FUTURE



主要应用于破碎机高锰钢锤头、轧臼壁、破碎壁、大型鄂板、立磨磨盘衬板、球磨机衬板、反击破板锤等破碎机耐磨零配件及采掘机斗齿铲齿、高炉配料装置无料钟高炉炉喉加料溜槽及煤磨机磨辊等耐磨零配件。可以大幅度提高耐磨零配件的使用寿命。

It is mainly used in the wear-resistant parts of crusher such as high manganese steel hammer, rolling mortar wall, crushing wall, large jaw plate, vertical mill disc liner, ball mill liner, counter impact plate hammer, bucket teeth and shovel teeth of mining machine, bell less blast furnace throat feeding chute of blast furnace proportioning device, and wear-resistant parts such as coal mill grinding roll.

经用户装机使用，维修量和更换量显著减少，客户反映效果良好。

铁基陶瓷复合材料通过陶瓷颗粒与铁或铁基合金进行复合，既能提高耐磨件的磨损性能，又能保证其整体韧性，大幅度提高零件的耐磨性和使用寿命。ZTAN合金钢复合材料的三体磨料磨损性能是热处理态合金钢的4.37倍。

After being installed and used by users, the amount of maintenance and replacement has been significantly reduced, and the customer has reported that the effect is good.

The iron based ceramic composite is compounded with iron or iron based alloy through ceramic particles, which can not only improve the wear performance of the wear-resistant parts, but also ensure the toughness of the claw body, greatly improving the wear resistance and service life of the parts. The three body abrasive wear resistance of ZTAN alloy steel composite is 4.37 times that of heat treated alloy steel.

